



CONTACT ME

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SKILLS

- DOCKER, KUBERNETESE, EKS
- GIT, GITHUB, GITLAB
- LINODE, GCP CLOUD, AZURE
- TERRAFORM, ANSIBLE
- AWS CI, GITLAB CI, GITHUB CI
- LINUX, NGINX, PM2
- PROMETHEUS, NEWRELIC,
- GRAFANA, DATA DOG

EDUCATION

- BIJU PATNAIK UNIVERSITY OF TECHNOLOGY, ODISHA
B.TECH IN ELECTRONICS ENGINEERING
AUG 2012 - JUN 2016
PERCENTAGE OF MARK: 75%

ABHAY RANJAN SAMAL

Lead Devops Engineer

Profile

Experienced DevOps Engineer with 8.5 years of proven expertise in enterprise-scale infrastructure automation, cloud architecture, and CI/CD pipeline optimization. Demonstrated proficiency in container orchestration using Kubernetes and Docker, with extensive hands-on experience in GitHub Actions, GitOps workflows, and multi-cloud environments including AWS and Azure. Skilled in infrastructure as code, configuration management, and implementing DevSecOps practices to deliver scalable, secure, and cost-optimized solutions for mission-critical applications.

Technical Lead DevOps

Wipro Limited | Sep 2024 - Present | Client: UHG/Optum

- Lead DevOps initiatives for Optum's Vpay payment system infrastructure, managing enterprise-scale CI/CD migrations and optimizations.
- Architect developer-friendly self-service platforms and implement security remediation with automated vulnerability scanning.
- Orchestrate production deployments on Kubernetes with Helm charts, ensuring zero-downtime releases and 99.9% availability.
- Optimize Docker image builds and troubleshoot production issues with proactive monitoring solutions and secrets managements in vaults.

DevOps Engineer

BootLabs | Dec 2021 - Sep 2024 | Clients: Bewakoof, Mirae Asset

- Managed multi-cloud infrastructure (AWS/Linode/Azure) with 100+ Linux instances, automated patch management and backup strategies.
- Built robust CI/CD pipelines using AWS DevOps tools (CodeBuild, CodePipeline, CodeDeploy) and GitHub Actions, reducing deployment time by 40%.
- Implemented Infrastructure as Code using Terraform and Ansible for consistent, scalable deployments across multiple environments.
- Deployed containerized applications on Amazon EKS (Dev/UAT/Prod) with comprehensive observability using Grafana, Prometheus, NewRelic, and DataDog.
- Established DevSecOps practices with GitLab CI security scanning (SAST, SCA, IaC), reducing vulnerabilities by 60%.
- Designed secure CI/CD pipelines for Salesforce, mobile (iOS/Android), and web applications with integrated security best practices.
- Architected auto-scaling GitLab runners on AWS using Terraform, optimizing costs by 25% through rightsizing and resource management.

System Administrator

Gramener Technology Solutions Pvt Ltd | Aug 2019 - Sep 2021

- Implemented backup, disaster recovery, and business continuity plans for hybrid cloud workloads (Azure/AWS).
- Collaborated with Dev teams to develop automation scripts for infrastructure management and deployment using Gitlab CI. Deployments in kubernetes.
- Monitored multi-cloud infrastructure using CloudWatch, Prometheus, and Grafana with proactive incident response.

IT Engineer

Thriveni Earth Movers Pvt Ltd | Feb 2017 - Jun 2019

- Managed on-premises IT infrastructure and enterprise applications with system monitoring and maintenance procedures.

Apprenticeship Trainee

Bhagwati Products Ltd | Jun 2016 - Nov 2016

- Gained foundational experience in industrial IT systems and network infrastructure management.